

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Kenichi SAWADA

Group Art Unit: 2154

Application No.: 10/538,805

Examiner: A. TURNER

Filed: June 13, 2005

Docket No.: 124235

For: SUPPORT PROGRAM FOR WEB APPLICATION SERVER AND SERVER

**SUMMARY OF SUBSTANCE OF INTERVIEW**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant thanks Examiner Turner for the courtesies extended to Applicant's representative during the June 2, 2008 telephone interview. The substance of the interview is discussed below.

During the telephone interview, Examiner Turner and Applicant's representative discussed further corrections to the Examiner's Amendment in the April 29, 2008 Notice of Allowance.

Additionally, during the telephone interview, Examiner Turner indicated that she would consider the February 26, 2008 Japanese Office Action cited in corresponding JP 2002-370953 if the Applicant submitted an English language translation of the Office Action. The Office Action was previously referenced in an April 22, 2008 Information Disclosure Statement filed in the current application.

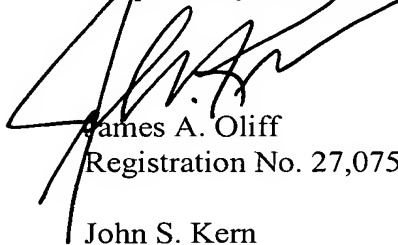
Applicant's representative agreed to submit an English language translation of the Office Action to Examiner Turner as a supplement to the April 22 IDS. Accordingly, the

English language translation of the Office Action is submitted herewith. Applicant appreciates Examiner Turner's indication during the telephone interview that she would read and consider the translation of the Office Action and also indicate on the PTO-1449 submitted in the April 22 IDS that she has read and considered the translation of the Office Action.

Applicant looks forward to receiving the supplemental Notice of Allowance, including the PTO-1449 from the April 22 IDS that includes Examiner Turner's indication that she has read and considered the English language translation of the Office Action.

Should Examiner Turner believe that anything further would be desirable in order to place this application in even better condition for allowance, Examiner Tuner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

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JAO:DCT/hs

Attachment:  
English translation of Japanese Office Action

Date: June 10, 2008

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Dispatch No. : 096018

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## Refusal reason notice

Number of patent application	2004-562050
Drafting day	02/14/2008
The Patent Office judgment officer	TONOKAWA, Masaya 4055 5B00
An applicant for a patent agent	NISHIWAKI, Tamio
Application text	Article 29 Clause 2, Article 36

This application should be refused by the following reason. If you have any opinion about this, please submit the opinion note within 60 days from a day of the shipment of this Refusal reason notice.

### Reason

[ 1 ] This application does not satisfy the business that mention of claims prescribes to Patent Law Article 36 Clause 6 Number 1 in the following point.

Claims 2,9 describes only an invention identification matter that identifies the kind of every setting item of input data input by an input form from data declaration class and memorizes the kind of every setting item of input data to the storage unit and then memorizes the input data to the storage unit respectively only when the kind of the setting item of input data detected from reply information is identical to the kind of the setting item of input data memorized to the above storage unit. Claims 2 and 9, however, do not mention to cancel the detected input data when the kind of the setting item of input data detected from reply information is different from the kind of the setting item of input data memorized to the above storage unit.

The invention of this application prevent the storage unit from memorizing the unintended input data (which is the problem to be solved by this invention) as reply information by canceling the input data when the detected input data when the kind of the setting item of input data detected from reply information is different from the kind of the setting item of input data memorized to the above storage unit. Therefore the invention about Claims 2, 9 demands a patent beyond the range mentioned in detailed explanation of the invention.

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Therefore, the invention about Claims 2, 9 does not mention detailed explanation of the invention.

In the same way, the invention about Claim 3 does not mention detailed explanation of the invention because it is the invention that was subordinate to claim 2 that we already examined.

[ 2 ] The invention about following claim of this application that cannot get a patent by a rule of Patent Law Article 29 Clause 2. Because it was based on the invention that became available for the public through invention mentioned in the distributed following publication or telecommunications line before the application in Japan or a foreign country, and a person having the normal knowledge in the technical field where the invention belonged to before the application was able to invent it easily.

(The quotation literature and others look reference  
about quotation literature and others list)

[Claim] 1, 4, 8

[Quotation literature] 1-3

[Note]

A. About Claims 1, 8

The screen control unit is mentioned in quotation literature 1. It is the following screen control unit, a client downloads a screen form to a client display it, and in a WWW server operating in response to the transmission of a message of data input by the screen form, it saves page ID (It is equivalent to "Web identification information" of the invention of this application.) and URL of the page indication class in the working space (It is equivalent to "Information storage processing" of the invention of this application.), it buries (It is equivalent to "Information addition processing" of the invention of this application.) the above page ID in a screen form (It is equivalent to "Web information" of the invention of this application.) and transmit a message to the client (It is equivalent to "Information transmission processing" of the invention of this application.), the client receives input value input into a screen form with page ID (It is equivalent to "Information reception processing" of the invention of this application.), and when the page ID that they received accords with the page ID that it saves in the working space, it generates page ID of the next after having performed to process of input value and storage to the working space and move. In the other side, when the page ID that they received dose not accords with the page ID that it saves in the working space, it moves it by a Redirect command to the latest page screen forcibly.

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It is "Screen control unit" of mention to quotation literature 1, at the point to control a server as follows, it possesses a function of "Business execution processing" of the invention of this application substantially. When the page ID that it received accords with the page ID that it saved in the working space, it controls the server to advance to the next processing. In the other side, when the page ID that it received does not accords with the page ID that it saved in the working space, it moves to the latest page forcibly and controls the server to execute the processing of the page concerned again.

It differs from invention of this application at the point where quotation literature 1 does not have a mention of the especially about Information addition processing to let it add client identification information to identify a client to a screen form.

However, seem to mention it in quotation literature 2, 3, in the control of the web application server, it is well known technology it buries session ID (It is equivalent to "Client identification information" of the invention of this application.) in a Hidden field to distinguish and a user and a WWW browser, and to communicate with a WWW browser between servers. Therefore, it applies the technology concerned to quotation literature 1, and they can guess easily if it is these skilled in the art to constitute a screen control unit that it saves session ID to identify a client with page ID in the working space and buries it in a screen form, and transmitted a message by a client, and judges whether session ID and the page ID that it received accord with the value that it saved in the working space.

#### B. About Claim 4

It is technical common sense to realize multitasking with evacuation and return of the information. Therefore, it is screen control unit of mention to quotation literature 1, they can guess easily if it is these skilled in the art to constitute parallel processing that it let the information of the working space evacuate after having transmitted a screen form to a client and execute other processing, when it received input value input into a screen form with page ID, it realizes parallel processing in a screen control unit by letting the information of the working space that evacuated return.

[Claim] 2, 3, 9, 10

[Quotation literature] 1-4

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**[Note]****C. About Claims 2, 9**

It differs from invention of this application at the point where quotation literature 1-3 does not have a mention of the especially about business execution processing that it is memorized the detected above input data in the datastore class every setting item, when it distinguishes the kind of the setting item of the input data which are input from the above data entry form when it transmit the Web information concerned to the above client and memorize it to a storage unit, the kind of input data setting item memorized to the above storage unit accords with the kind of the setting item of input data detected by reply information.

However, it analyzes the HTML page that is transmitted from a Web server to a Web browser (It is equivalent to "Web information" of the invention of this application.) and it find out a value of the drop-down menu, the size of the text field at the maximum and generate security policy of the Web application automatically, and at a point in time when a request is sent to a Web server by a Web browser, AppShield which only the normal request that is equal to security policy hands to a Web server is mentioned in quotation literature 4.

It is "AppShield" of mention to quotation literature 4, it possesses a function of "Distinguish the kind of the setting item of input data" of the invention of this application substantially, because it is clear to discover drop-down menu and text field in itself before to find out a value of the drop-down menu and the size of the text field at the maximum.

It is clear that "Security policy" that is mentioned in quotation literature 4 possesses information about "Kind of the setting item of input data" of the invention of this application, because the information was made based on information of a value of the drop-down menu and the size of the text field at the maximum.

Quotation literature 1-4 belong to the common technical area called the Web application server, therefore they can guess easily if it is these skilled in the art to constitute a screen control unit that furthermore, searches whether input value is equal to security policy and processes only normal input value, in case when it applies AppShield that is mentioned in quotation literature 4 to a screen control unit that is mentioned in quotation literature 1 and transmits a screen form to a client, it saves the security policy that it analyzes a screen form and generated in the working

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space and receives input value and the page ID that a client input into a screen form at the same time, the page ID that it received accords in the page ID that it saved in the working space.

#### D. About Claim 3, 10

In case the kind of the setting item of input data duplicates, it is technical common sense to add an identifier to be able to distinguish each. Therefore they can guess easily if it is these skilled in the art to constitute it that in case the kind of the setting item of the input data of the screen form duplicates in the screen control unit of mention to quotation literature 1, it refers an identifier to every form and distinguishes it and stores it in the working space.

[Claim] 5-7

[Quotation literature] 4, 5

[Note]

#### E. About Claim 5

The automatic generation system of the database system is mentioned in quotation literature 5.

It loads a HTML file for input screens in the browser of the terminal (It is equivalent to "Web information concerned" of the invention of this application.), and when a respondent inputs a database from an input screen, the WWW server starts the CGI program for database registration depending on the demand of the browser, in the electronic questionnaire system which registers input data with a database, it generates an input screen HTML file of data that is based on data definition information stored away by the data definition information storage class to register with a database automatically (It is equivalent to "Information addition processing" invention of this application.).

It differs from invention of this application at the point where quotation literature 5 does not have a mention of the especially about business execution processing that it lets the datastore class memorize the detected above input data every setting item, in case it distinguishes the kind of the setting item of input data input by a data entry form, information memory processing to let a storage unit memorize it whenever Web information is transmitted to a client accords with the kind of the setting item of input data detected by reply information and the kind of the setting item of input data memorized to the above storage unit.

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However, as we already examined in above C, it is AppShield of mention to quotation literature 4 that sends only a normal request equal to security policy to a Web server, at a point in time that it analyzes the HTML page that is transmitted from a Web server to a Web browser (It is equivalent to "Web information" of the invention of this application.) and find out a value of the drop-down menu and the size of the text field at the maximum and generates security policy of the Web application automatically, and the request is sent to a Web server by a Web browser.

Quotation literature 4-5 belong to the common technical area called the Web application server, therefore they can guess easily if it is these skilled in the art to constitute an electronic questionnaire system that it is stored the security policy that it analyzes a HTML file for input screens and generated by a WWW server and examines whether data input by an input screen are equal to security policy and registers only normal input data with a database, when it applies an electronic questionnaire system that is mentioned in quotation literature 5 to AppShield that is mentioned in quotation literature 4 and a HTML file for input screens is loaded by the browser of the terminal.

#### F. About Claim 6

As already examined in above D, they can guess easily if they consider technical common sense if it is these skilled in the art to constitute an automatic generation system that refers an identifier to every entry field and distinguishes it every identifier and register myself with a database, in case when it generates a HTML file for input screens automatically, and the kind of the setting item of input data duplicates in the electronic questionnaire system of mention to quotation literature 5.

#### G. About Claim 7

As already examined in above B, they can guess easily if they consider technical common sense if it is these skilled in the art to constitute parallel processing that it realizes parallel computation in a WWW server by letting the information that evacuated return, when it lets the information of the WWW server evacuate and execute other processing and registers data input by an input screen with a database after a HTML file for input screens was loaded by the browser of the terminal in the electronic questionnaire system of mention to quotation literature 5.

In addition to revise it to state the effect of the registered trademark clearly in the case of the revision because "Linux" and "UNIX" of mention are registered trademarks for detailed explanation of the invention.

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### Quotation literature List

- (Attention) The part or all of the non-patent literature that was shown are not sometimes sent by the law or the restriction of contract and others.

### The record of the advanced technology literature findings

**• The field of investigation**      IPC G06F 13/00  
G06F 15/00

**• The advanced technology literature**

TAKAHASHI Nobuyori, Productivity is managed on the framework / We can hide "the complexity" of the Web application / Environment was regulated well, and I saw the know-how, Nikkei open system, Japan, Nikkei BP company, February 15, 2002, page 107, page 110-120

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Please contact to the following if there is a hope of the inquiry about this refusal reason notice,  
or the interview.

INAGAKI Ryohichi / Judgment officer assistant  
Patent judgment 4th part information processing